

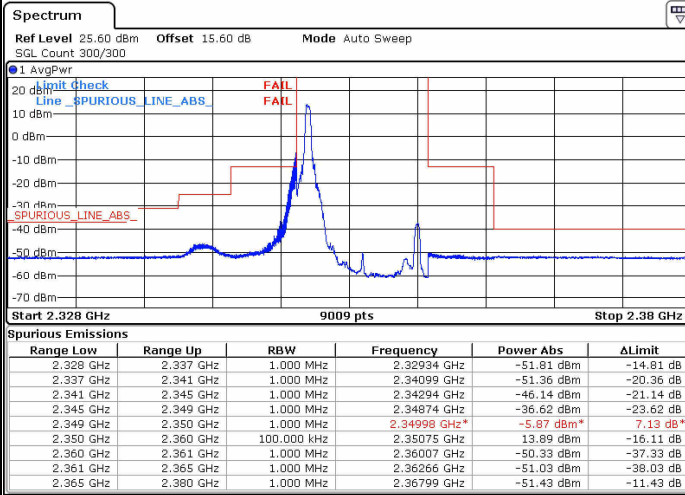


Conducted Band Edge

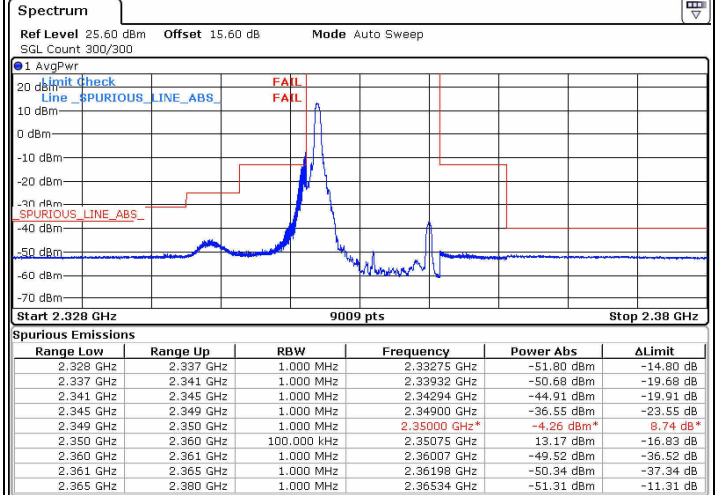
N40 / 10MHz /

Middle Band Edge / 1RB BPSK

Middle Band Edge / 1RB QPSK



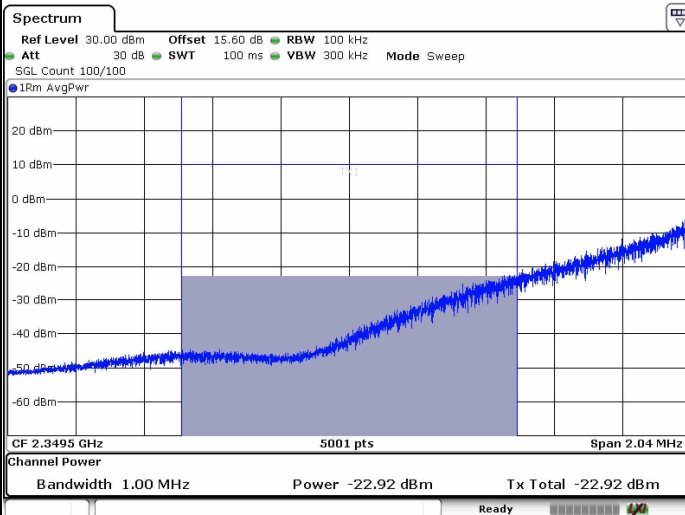
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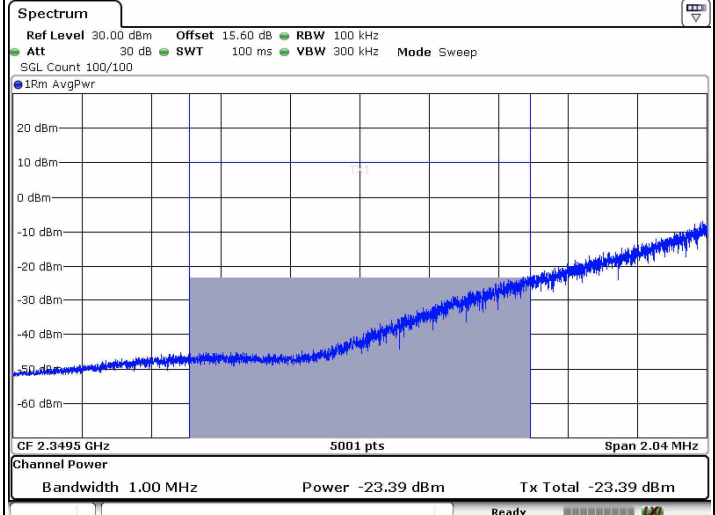
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Middle Band Edge / 1RB BPSK-CP

Middle Band Edge / 1RB QPSK-CP



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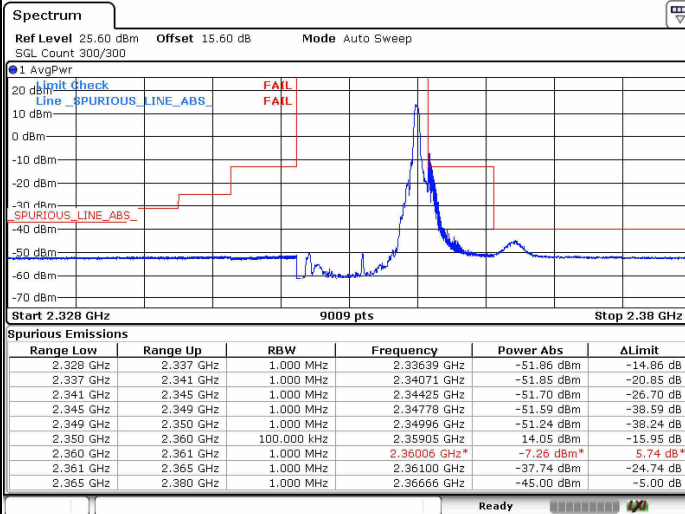


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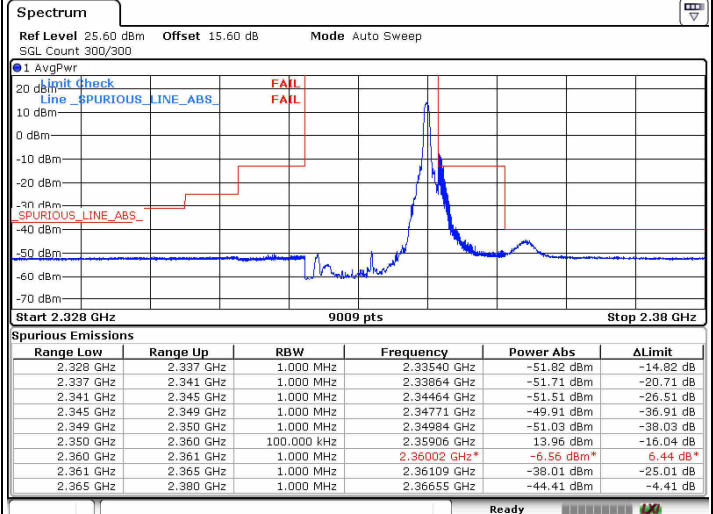


Middle Band Edge / 1RBMAX BPSK

Middle Band Edge / 1RBMAX QPSK



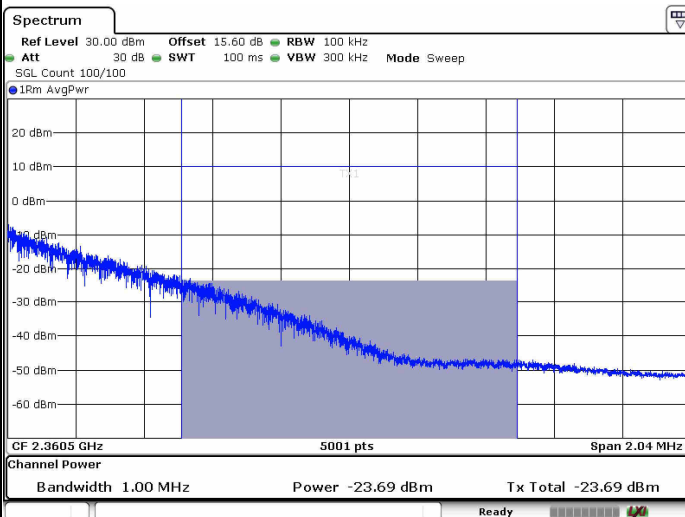
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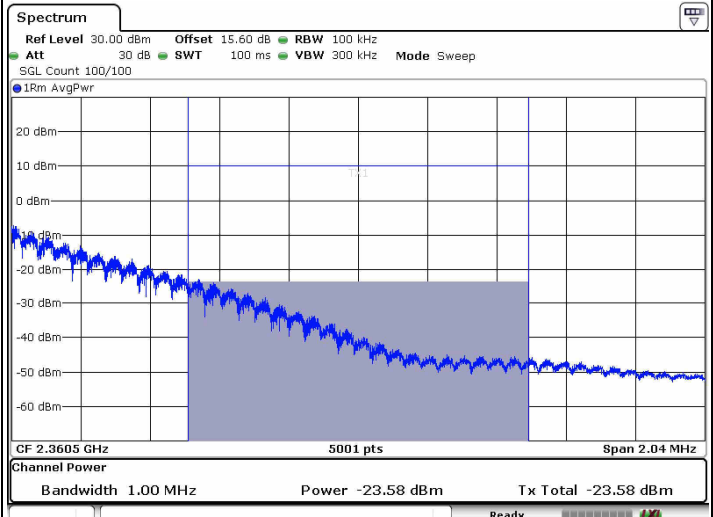
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Middle Band Edge / 1RBMAX BPSK-CP

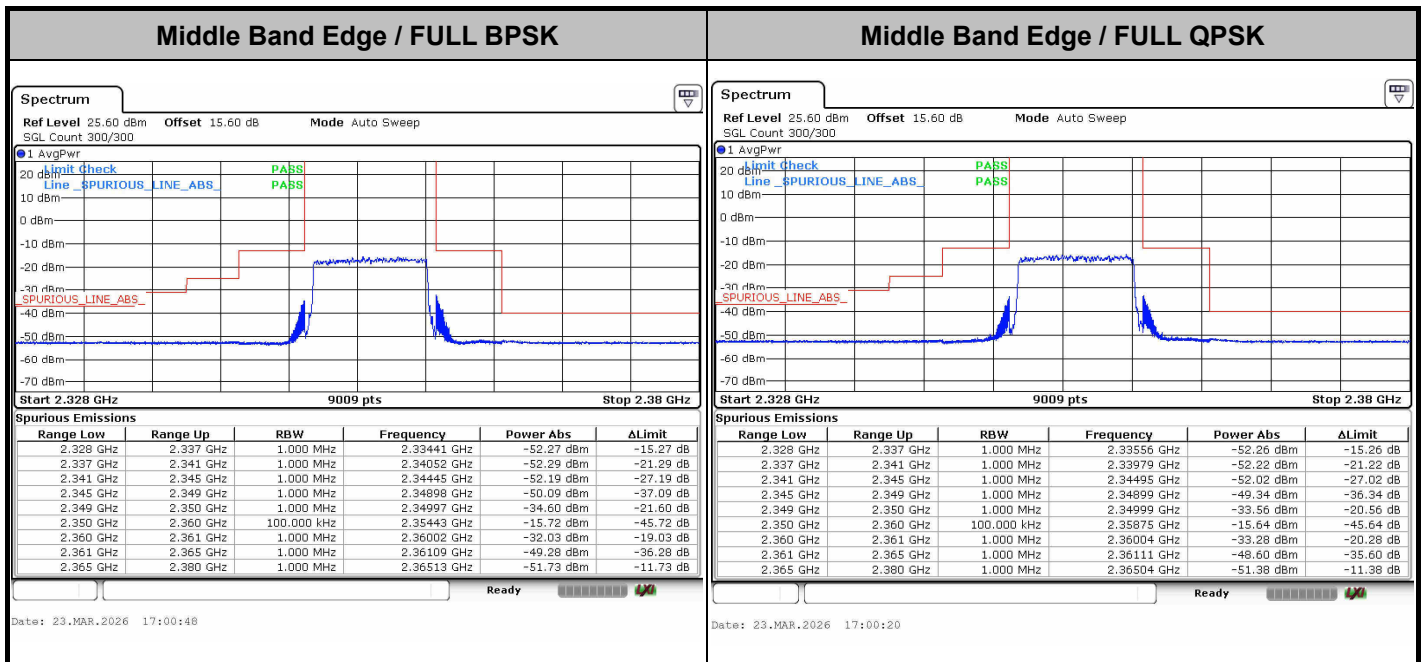
Middle Band Edge / 1RBMAX QPSK-CP



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Date: 23.MAR.2026 16:57:20



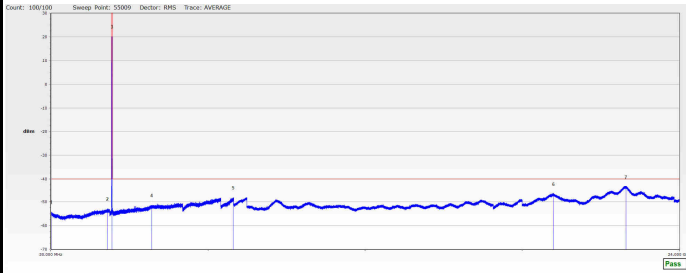


Conducted Spurious Emission

N40 / 10MHz

Middle Channel / BPSK

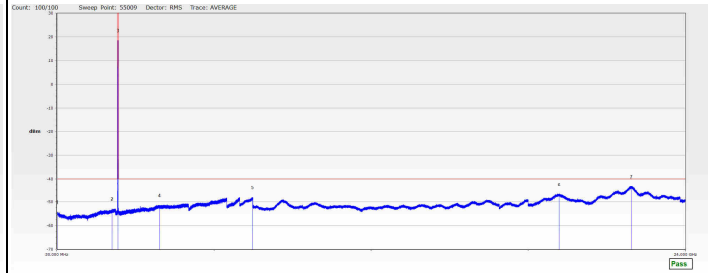
Middle Channel / QPSK



Item	Range Low	Range High	Power	Power Abs	Unit	Unit	Power Limit Factor	Limit	Unit
1	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
2	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
3	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
4	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
5	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
6	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
7	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm

Note: DCC = Day Cycle Correction / dBS = reference limit subtraction
Var: 1.1(20241208)

2024-01-23 15:45:13



Item	Range Low	Range High	Power	Power Abs	Unit	Unit	Power Limit Factor	Limit	Unit
1	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
2	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
3	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
4	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
5	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
6	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm
7	24.000 MHz	24.100 MHz	1.000W	26.7000 dBm	56.120 dBm	-14.020 dB	-40.000 dBm	2.200 dB	dBm

Note: DCC = Day Cycle Correction / dBS = reference limit subtraction
Var: 1.1(20241208)

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Frequency Stability

Test Conditions		N40 (QPSK)			Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz			Note 2.
		Frequency Offset (Δf) (Hz)			Result
			Middle Channel		
50	Normal Voltage		16.9		PASS
40	Normal Voltage		18.3		
30	Normal Voltage		13.1		
20(Ref.)	Normal Voltage		16.6		
10	Normal Voltage		17.6		
0	Normal Voltage		17.2		
-10	Normal Voltage		14.3		
-20	Normal Voltage		18.7		
-30	Normal Voltage		16.9		
20	Maximum Voltage		16.1		
20	Normal Voltage		13.6		
20	Minimum Voltage		12.1		

Note:

1. Normal Voltage =4.0 V ; Minimum Voltage =3.4 V ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

 $|\text{MAX}(\Delta f)| = 18.7 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2350.664281	$\geq 2350 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2359.295719	$\leq 2360 \text{ MHz}$	

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

For 2305~2315 MHz:

SA n40 / 10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4611.00	-55.71	-40	-15.71	-61.96	6.30	12.55	H
	6916.00	-61.11	-40	-21.11	-64.51	8.25	11.65	H
	9222.00	-55.96	-40	-15.96	-58.31	9.50	11.85	H
	4611.00	-46.53	-40	-6.53	-52.78	6.30	12.55	V
	6916.00	-59.32	-40	-19.32	-62.72	8.25	11.65	V
	9222.00	-56.69	-40	-16.69	-59.04	9.50	11.85	V

EN-DC_5A_n40A / LTE 10MHz + NR 10MHz / QPSK								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n40 Middle	4611.00	-56.76	-40	-16.76	-63.01	6.30	12.55	H
	6916.00	-60.80	-40	-20.80	-64.20	8.25	11.65	H
	9222.00	-55.69	-40	-15.69	-58.04	9.50	11.85	H
	4611.00	-53.47	-40	-13.47	-59.72	6.30	12.55	V
	6916.00	-58.41	-40	-18.41	-61.81	8.25	11.65	V
	9222.00	-56.63	-40	-16.63	-58.98	9.50	11.85	V
LTE Band5 Middle	1664	-66.04	-13	-53.04	-69.29	4.00	9.40	H
	2496	-63.70	-13	-50.70	-67.27	4.88	10.60	H
	3328	-66.50	-13	-53.50	-71.43	5.52	12.60	H
	1664	-66.73	-13	-53.73	-69.98	4.00	9.40	V
	2496	-63.67	-13	-50.67	-67.24	4.88	10.60	V
	3328	-66.64	-13	-53.64	-71.57	5.52	12.60	V

For 2350~2360 MHz:

SA n40 / 10MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4701.00	-54.58	-40	-14.58	-60.83	6.45	12.70	H
	7051.00	-60.11	-40	-20.11	-63.51	8.40	11.80	H
	9402.00	-54.92	-40	-14.92	-57.27	9.65	12.00	H
	4701.00	-43.44	-40	-3.44	-49.69	6.45	12.70	V
	7051.00	-58.64	-40	-18.64	-62.04	8.40	11.80	V
	9402.00	-55.93	-40	-15.93	-58.28	9.65	12.00	V
EN-DC_5A_n40A / LTE 10MHz + NR 10MHz / QPSK								
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n40 Middle	4701.00	-53.68	-40	-13.68	-59.93	6.45	12.70	H
	7051.00	-60.41	-40	-20.41	-63.81	8.40	11.80	H
	9402.00	-55.04	-40	-15.04	-57.39	9.65	12.00	H
	4701.00	-44.50	-40	-4.50	-50.75	6.45	12.70	V
	7051.00	-59.50	-40	-19.50	-62.90	8.40	11.80	V
	9402.00	-56.06	-40	-16.06	-58.41	9.65	12.00	V
LTE Band5 Middle	1664	-65.68	-13	-52.68	-68.93	4.00	9.40	H
	2496	-63.03	-13	-50.03	-66.60	4.88	10.60	H
	3328	-66.43	-13	-53.43	-71.36	5.52	12.60	H
	1664	-66.40	-13	-53.40	-69.65	4.00	9.40	V
	2496	-63.74	-13	-50.74	-67.31	4.88	10.60	V
	3328	-66.74	-13	-53.74	-71.67	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.